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(When Filled In)

DECLASS REVIEW by NIMA/DOD

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IMAGERY ANALYSIS DIVISION

12 OCT
1966

25X1A [] MODEL 405-A CHIP COMPARATOR (PROTOTYPE)

CHRONOLOGY:

JULY, 1964 - RECEIVED IN IAD

OCT., 1964 - UNIT "READY" FOR OPERATION WITHOUT PLOTTER CAPABILITY

25X1A DEC., 1964 - [] PLOTTER INSTALLED BUT NOT OPERATIONAL DUE TO
PROGRAMMING DIFFICULTIES IN IPD

DEC., 1964
TO

OCT., 1965 - VARIOUS MALFUNCTIONS DUE TO:

- (a) INSTABILITY OF X-Y COUNTERS
- (b) MICROSCOPE HEAD UNSTABLE DUE TO MOUNT
- (c) PROGRAMMING PROBLEMS - IPD

OCT., 1965 - TELETYPE AND PLOTTER REMOVED FROM 405-A IN ORDER TO
COMPLETE INSTALLATION OF 405-B

25X1A APR. 1966 - SHIPPED TO [] FOR CONVERSION TO 405-B CONFIGURATION

OCT., 1966 - CONVERSION/MODIFICATION STILL DELAYED PENDING SOLUTION
TO INTERFEROMETER PROBLEMS

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IMAGERY ANALYSIS DIVISION

12 OCT 1966

25X1A

[] MODEL 405-B CHIP COMPARATOR

CHRONOLOGY:

APRIL, 1964

- REQUISITION PREPARED []

25X1A

OCT., 1965

- EQUIPMENT DELIVERED TO IAD

NOV., 1965

- " INSTALLED

DEC., 1965

- 20 micron DOT (FOR POINTING) JUDGED TO BE UNSATISFACTORY.

25X1A

[] OPTICAL HEAD WOULD NOT ACCEPT 6x EYEPIECES.

JAN. - MAY 1966

- VARIOUS MALFUNCTIONS IN COMPONENTS. IPD AGREED TO LOAD COMPUTER PROGRAM AT 0900 DAILY (KH-4 ONLY).

- X-Y "COUNTERS" FOUND TO BE UNSTABLE AND PRONE TO STICKING.

- REPAIRS ATTEMPTED BY EPS/P&DS

MAY., 1966

- 1 INTERFEROMETER REMOVED BY [] FOR BENCH TESTING.

25X1A

JULY, 1966

- LETTER FROM [] REVIEWING STATUS OF TESTS.

25X1A

AUG., 1966

- NEW OPTICAL HEAD RECEIVED FROM [] AND INSTALLED. "OPEN" CROSS HAIRS UNSATISFACTORY BUT HEAD WOULD ACCEPT BOTH 6x AND 10x EYEPIECES.

25X1A

25X1A

OCT., 1966

- [] HAS 3 INTERFEROMETERS (ALL IAD's- 2 FROM MODEL 405-A AND 1 FROM 405-B). TOTAL OF 10 ARE TO BE MODIFIED FOR []

25X1A

SCHEDULE:

4 wks. - complete tests & remove remaining interferometers from []

3 wks. - fabricate & assemble new parts

25X1A

3 wks. - test modified units

2 wks. - re-install units in 405-B's in []

25X1A

12 wks. to completion- about 2nd wk. of Jan. 1967

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